

Mouse Pro-MMP-9 (Pro-Matrix Metalloproteinase-9) ELISA Kit | Pro-MMP-9 elisa kit

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CATALOG #
AAA178033

REACTIVITY
Mouse

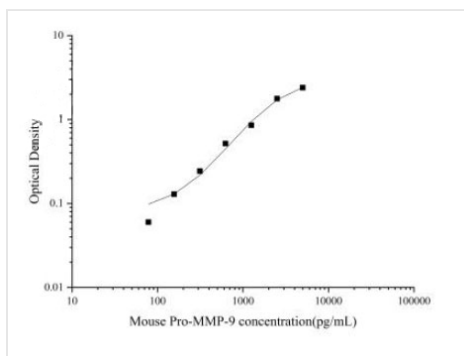
PRODUCT SYNONYMS

Pro-MMP-9 (Pro-Matrix Metalloproteinase-9); Mouse Pro-MMP-9 (Pro-Matrix Metalloproteinase-9) ELISA Kit; Pro-MMP-9; Pro-MMP-9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse Pro-MMP-9 in samples. No significant cross-reactivity or interference between Mouse ProMMP-9 and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	78.13-5000 pg/mL
Sensitivity	46.88 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse Pro-MMP-9 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse Pro-MMP-9 were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the following conditions once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pro-MMP-9 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse Pro-MMP-9. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse Pro-MMP-9 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse Pro-MMP-9, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzymesubstrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse Pro-MMP-9. You can calculate the concentration of Mouse Pro-MMP-9 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse Pro-MMP-9 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	341940960
NCBI GeneID	17395
UniProt Accession #	P41245; Q06788; Q80XI8; Q9DC02
Molecular Weight	80,535 Da
NCBI Official Full Name	Matrix metalloproteinase-9
NCBI Official Synonym Full Names	matrix metallopeptidase 9
NCBI Official Symbol	Mmp9
NCBI Official Synonym Symbols	Clg4b; MMP-9; B/MMP9; AW743869; pro-MMP-9
NCBI Protein Information	matrix metalloproteinase-9; GELB; Gel B; gelatinase B; 92kD gelatinase; 92kDa gelatinase; 92 kDa gelatinase; collagenase type IVB; 92kD type IV collagenase; 92kDa type IV collagenase; 92 kDa type IV collagenase; matrix metalloproteinase 9
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	Mmp9
UniProt Synonym Gene Names	Clg4b; MMP-9; GELB
UniProt Entry Name	MMP9_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/pro-mmp-9-pro-matrix-metalloproteinase-9/178033>